



Scientific Program June 3-5, 2021

Thursday, 3.6. SKIN IMAGING 4PM - 8PM Berlin Time
chair: Bernard Querleux, France

- 4.00-4.10 Live Opening (congress president Karsten König, ISBS president B. Querleux)
4.10-4.40 plenary talk (25min + 5min QA live):
Wolfgang Drexler, Austria: Multimodal optical imaging of skin
- 4.40-6.00 4 invited talks (15min + 5min QA live)
- 4.40-5.00 Giovanni Pellacani, Italy Confocal Microscopy: state of the art
5.00-5.20 Peter So, USA First two-photon imaging in skin
5.20-5.40 Karsten König, Germany Multimodal Multiphoton Tomography (MPT)
5.40-6.00 Tim Lee, Canada Artificial Intelligence in Optical Skin Analysis –
Challenges and Opportunities
- 6.00-07.50 9 presentations (10min + 2min QA live)
- 6.00-6.12 A. Bergheau, France UNDERSKIN®. An exciting new development in
skin elasticity
6.12-6.24 A. Bezugly, Russia Skin Fillers Visualization and Filler Type
Determination with High Frequency Ultrasound.
6.24-6.36 G. Tian, Canada Automated delineation of the Dermal–Epidermal
Junction Zone in Volumetric Multiphoton
Microscopy imaging of Human Skin in vivo
6.36-6.48 M. Pedrazzani, France Line-field optical coherence tomography
for non-invasive skin imaging: Focus on dermal-
epidermal junction and keratinocyte network
6.48-7.00 G. M. D’Angelo Costa, Application of skin imaging techniques
Brazil for the efficacy evaluation of a cosmetic
formulation containing Spirulina sp.
7.00-7.12 P. M. Maia Campos, Brazil In vivo skin penetration of d-panthenol by
Confocal Raman Spectroscopy
7.12-7.24 A. Martin, Brazil Permeation of Nano Encapsulated Vitamin D3
Through Human Skin by in vivo Confocal Raman
Spectroscopy
7.24-7.36 J. Ogien, France Handheld line-field optical coherence
tomography (LC-OCT) device for three-
dimensional skin imaging
7.36-7.48 I. Lange, Germany Feature extraction for classification of lesions and
malignant melanomas in multiphoton tomography
skin images
- 7.50-08.00 Day closing remarks and announcement of World Congress in Berlin 2022
4PM-8PM Poster Session

Friday, 4.6. SKIN BIOPHYSICS 8AM - 12PM Berlin Time
chair: Joachim Fluhr, Germany

- 08.00-08.30 plenary talk (25min +5min QA live):
Masayuki Amagai: Corneoptosis, unique cell death process of keratinocytes
- 08.30-09.50 4 invited talks (15min +5min QA live)
- 8.30-8.50 Michael Roberts, Australia Using multiphoton microscopy to characterise skin transport determinants and processes
- 8.50-9.10 Mariko Egawa, Japan Potential of coherent Raman scattering microscopy in skin evaluation
- 9.10-9.30 Stephan Bielfeldt, Germany Confocal Raman Spectroscopy: An in vivo technique of many talents
- 9.30-9.50 Joachim Fluhr, Germany Stratum Corneum Hydration: Dry skin – sensitive skin and beyond
- 09.50-12.02 11 presentations (10min + 2min QA live)
- 9.50-10.02 J. Choi, Korea Evaluation of perceived skin brightness in Asian women
- 10.02-10.14 S. Wang, China The Skin Phenome Research
- 10.14-10.26 H. Zahouani, France “TOUCHY Finger” an augmented and connected human finger to assess skin and hair feel
- 10.26-10.38 C. Bonnaud-Rosaye, France New Protocol to Evaluate Emotional Experience of Customers
- 10.38-10.50 N. Muizzuddin, USA Balancing skin Microbiome- Fact or fiction
- 10.50-11.02 M. Lee, Korea Pilot study for effects of facial skin colors on facial impressions
- 11.02-11.14 M. Florindo, Portugal Studying the impact of muscular activity and exercise on skin biomechanics
- 11.14-11.26 M. Ayadh, France Quantitative characterization of human skin tension in vivo using a new parameter: Tension index
- 11.26-11.38 C. Ferreira-Pego, Portugal Exploring the impact of vegetarian-vegan and omnivores regimes in human skin physiology
- 11.38-11.50 S. Connetable, France Decoding skin tightness: From a clinical evidence to an instrumental and biological proof of sensorial stimulation perception
- 11.50-12.02 A. König, Germany Optical reprogramming of human dermal fibroblasts
- 12.02-12.10 Day closing remarks and announcement of World Congress in Berlin 2022
8AM-12PM Poster Session

Saturday 5.6. PATHOLOGICAL SKIN - SKIN AGEING
4PM - 8PM Berlin Time
chair: Stacy Hawkins, USA

- 4.00-4.30 plenary talk (25min+5min QA live):
Julia Welzel, Germany: Optical biopsies
- 4.30-5.50 4 invited talks (15min + 5min QA live)
- 4.30-4.50 Mihaela Balu, USA In vivo multiphoton tomography provides insights into therapeutic response of pigmentary skin disorders
- 4.50-5.10 Martin Kaatz, Germany Multicenter clinical study on melanoma detection
- 5.10-5.30 Ana Maria Pena, France In vivo multiphoton imaging for non-invasive time course assessment over 1 year of melanin modulations and retinoids effects on human skin
- 5.30-5.50 Martina Meinke, Germany Risk assessment of skin damage for far-UVC irradiation below 240 nm which can be used to eradicate multi resistant germs and viruses
- 5.50 - 7.50 10 presentations (10min + 2min QA live)
- 5.50-6.02 J. Robic, France Aging of the eye contour and its effect on perceived age
- 6.02-6.14 J. Servant, France 3D imaging: A global approach to aging signs of the skin
- 6.14-6.26 R. Campiche, Austria New methods for digitally transferring visible irradiation-induced pigmentation on the forearm and other treatment sites to the face
- 6.26-6.38 G. Csany, Hungary Comparison of Maximal Lesion Thickness Measurements between two Portable Skin Ultrasound Imaging Devices
- 6.38-6.50 A. Guillermin, France Non - invasive in vivo creep recovery indentation testing for skin modeling
- 6.50-7.02 R. Darlenski, Bulgaria Oxidative stress and anti-oxidant defense in plaque psoriasis
- 7.02-7.14 A. Duev, USA Study of Clinical Efficacy and Microbiome Effects of an Anti-Acne Regimen
- 7.14-7.26 S. Figueiredo, France A fast and reliable tool to self-assess sensitive skin
- 7.26-7.38 Y. Wang, Canada Combining Deep Learning and Polarization Speckle for in vivo Skin Cancer Detection
- 7.40 - 8.00 Day closing remarks and announcement of World Congress in Berlin 2022
4PM-8PM Poster Session